

No. 741,742.

PATENTED OCT. 20, 1903.

G. VAN EYCK.  
STERILIZING APPARATUS.  
APPLICATION FILED NOV. 25, 1902.

NO MODEL.

FIG. 1.

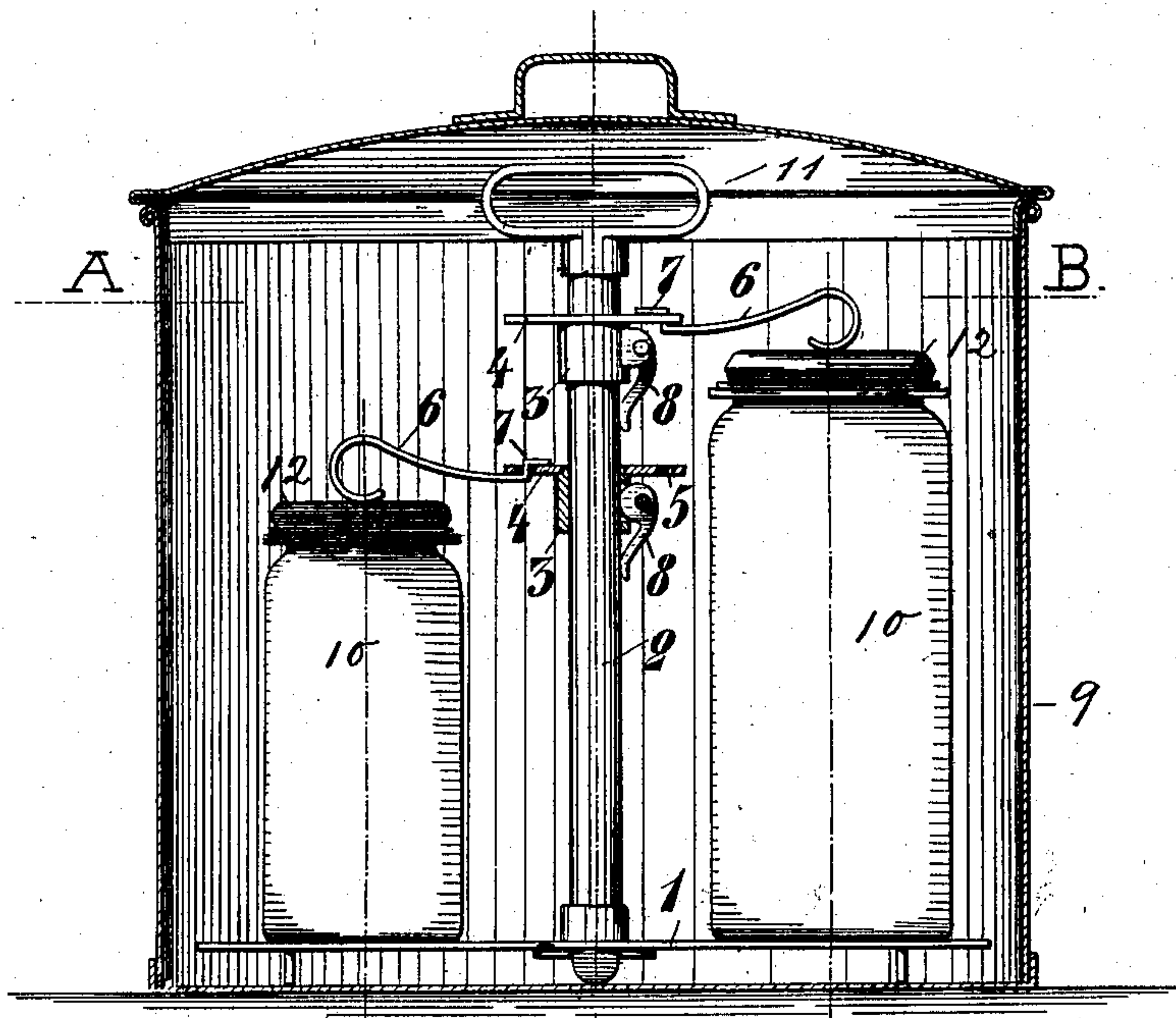
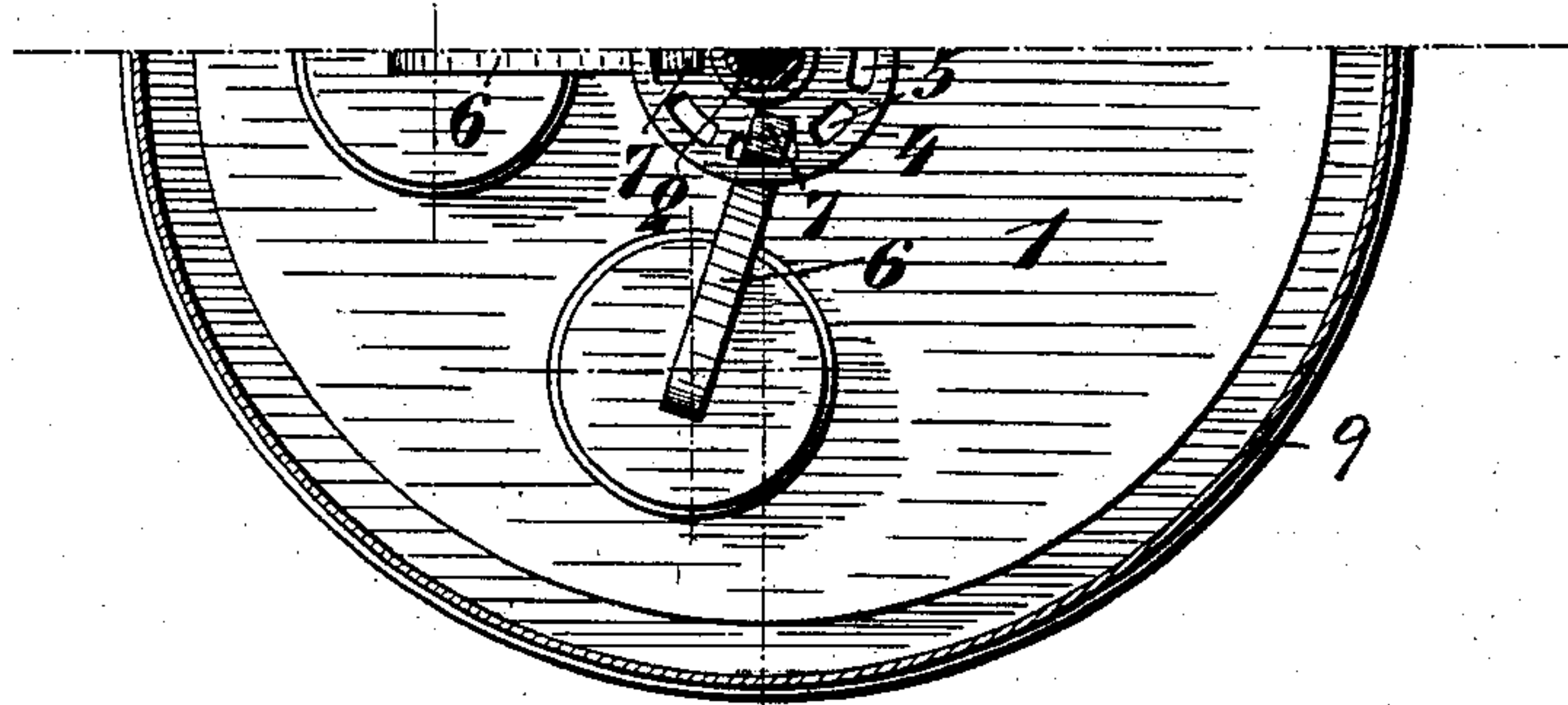


FIG. 2.



Witnesses:

Arthur Gruppe  
William Schulz.

Inventor:

Georg van Eyck  
by his attorney  
Franklin B. B. B.

# UNITED STATES PATENT OFFICE.

GEORG VAN EYCK, OF OEFLINGEN, GERMANY.

## STERILIZING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 741,742, dated October 20, 1903.

Application filed November 25, 1902. Serial No. 132,747. (No model.)

*To all whom it may concern:*

Be it known that I, GEORG VAN EYCK, a citizen of Germany, residing at Oeflingen, Baden, Germany, have invented certain new and  
5 useful Improvements in Sterilizing Apparatus, of which the following is a specification.

This invention relates to an improved sterilizing apparatus of the class in which the jars to be sterilized are introduced into a receiver adapted to be heated.

The invention relates more particularly to improved means for locking the jars in position within the receiver.

In the accompanying drawings, Figure 1 is  
15 a vertical central section, partly in elevation, of my improved sterilizing apparatus; and Fig. 2 is a horizontal section through part of the same on line A B, Fig. 1.

The numeral 1 represents a false bottom or  
20 tray which is adapted to be removably placed into the sterilizing vessel or receiver 9 and serves to support the sterilizing-jars 10. From the tray projects upwardly a central post 2, having handle 11 and surrounded by a suitable number of vertically-adjustable perforated sleeves 3, which may be clamped in position by cams 8. These cams are pivoted to the sleeves and are adapted to be projected through the perforations thereof, so as to engage the post, and thus lock the sleeve to the same. At their upper ends the sleeves 3 are provided with laterally-projecting flanges or disks 4, having a number of peripheral slits  
30 5 for the reception of the inner doubly-bent ends of radially-arranged removable springs 6, the outer coiled ends of which are adapted to bear upon the lids 12 of the jars 10. The inner ends of the springs are bent first up-

ward at right angles and then sidewise at right angles, so that a heel 7 is formed, which  
40 is substantially parallel to the shank of the spring, but raised slightly above the same. This heel is introduced from below through the slit 5 and by resting upon the top of disk 4 will support the spring in a substantially  
45 horizontal position. By the arrangement described the springs may be readily inserted and removed, so that they are interchangeable. Thus the springs may be fitted in position to accord with the position of the sterilizing-jars upon the tray. By vertically adjusting the sleeves 3 upon the post 2 the elevation of the springs and the pressure which they exert upon the covers 12 may be easily  
50 regulated.

What I claim is—

1. In a sterilizing apparatus, the combination of a sterilizing vessel with an inclosed post, a perforated disk supported thereby, and springs having doubly-bent inner ends  
60 and adapted to removably engage the disk-perforations, substantially as specified.

2. In a sterilizing apparatus, the combination of a sterilizing vessel with an inclosed post, a sleeve surrounding the same, a cam  
65 for clamping the sleeve to the post, a perforated disk on the sleeve, and springs having doubly-bent inner ends and adapted to removably engage the disk-perforations, substantially as specified.

Signed by me at Freiburg, Baden, Germany,  
this 7th day of November, 1902.

GEORG VAN EYCK.

Witnesses:

AD BENSEL,  
BENJAMIN F. LIEFELD.